

WORKSHEET

NOTE: USE 0 FOR ALL NEGATIVE NUMBERS THAT RESULT FROM THE CALCULATIONS.
NET TRACT AREA

A. TOTAL TRACT AREA (EXCLUDES COUNTY DRAINAGE EASEMENT)

B. DEDUCTIONS (PHASE II)

C. NET TRACT AREA = TOTAL TRACT (A) - DEDUCTIONS (B)

LAND USE CATEGORY: COMMERCIAL

D. AFFORESTATION THRESHOLD (NET TRACT AREA (C) x 15%)

E. CONSERVATION THRESHOLD (NET TRACT AREA (C) x 20%)

EXISTING FOREST COVER

F. EXISTING FOREST COVER WITHIN THE NET TRACT AREA

G. AREA OF FOREST ABOVE CONSERVATION THRESHOLD

H. IF THE EXISTING FOREST COVER (F) IS GREATER THAN THE CONSERVATION (E), THEN

64% E, OTHERWISE 5 = 0.

BREAK-POINT

I. BREAK-POINT (AMOUNT OF FOREST THAT MUST BE RETAINED SO THAT

NO MITIGATION IS REQUIRED)

J. IF THE AREA OF FOREST ABOVE THE CONSERVATION THRESHOLD (G) IS

GREATER THAN 0, THEN H = (0.2 x THE AREA OF FOREST ABOVE

CONSERVATION THRESHOLD (G)) + THE CONSERVATION THRESHOLD (E).

K. IF THE AREA OF FOREST ABOVE THE CONSERVATION THRESHOLD (G) IS

EQUAL TO 0, THEN H = EXISTING FOREST COVER (F).

L. FOREST CLEARING PERMITTED WITHOUT MITIGATION

M. EXISTING FOREST COVER (F) - BREAK-POINT (H)

PROPOSED FOREST CLEARING

N. TOTAL AREA OF FOREST TO BE CLEARED

O. TOTAL AREA OF FOREST TO BE RETAINED

P. EXISTING FOREST COVER (F) - FOREST TO BE CLEARED (N)

PLANTING REQUIREMENTS

IF THE TOTAL AREA OF FOREST TO BE CLEARED (N) IS AT OR ABOVE THE

BREAK-POINT (H), NO PLANTING IS REQUIRED AND NO FURTHER CALCULATIONS

ARE NECESSARY (L=0, M=0, N=0, P=0, Q=0, R=0).

OTHERWISE, CALCULATE THE PLANTING REQUIREMENTS AS FOLLOWS:

REFORESTATION FOR CLEARING ABOVE THE CONSERVATION THRESHOLD

(1) IF THE TOTAL AREA OF FOREST TO BE RETAINED (K) IS GREATER THAN THE

CONSERVATION THRESHOLD (E), THEN L = THE AREA OF FOREST TO BE

CLEARED (N) x 0.25.

(2) IF THE FOREST TO BE RETAINED (K) IS LESS THAN OR EQUAL TO THE

CONSERVATION THRESHOLD (E), THEN L = AREA OF FOREST ABOVE CONSERVATION

THRESHOLD (G) x 0.25.

M. REFORESTATION FOR CLEARING BELOW THE CONSERVATION THRESHOLD

(1) IF EXISTING FOREST COVER (F) IS GREATER THAN THE CONSERVATION

THRESHOLD (E) AND THE FOREST TO BE RETAINED (K) IS LESS THAN OR EQUAL

TO THE CONSERVATION THRESHOLD (E), THEN M = 2.0 x (CONSERVATION THRESHOLD

(E) - FOREST TO BE RETAINED (K)).

(2) IF EXISTING FOREST COVER (F) IS LESS THAN OR EQUAL TO THE

CONSERVATION THRESHOLD (E), THEN M = 2.0 x FOREST TO BE CLEARED (N).

N. CREDIT FOR RETENTION ABOVE THE CONSERVATION THRESHOLD

IF THE AREA OF FOREST TO BE RETAINED (K) IS GREATER THAN THE CONSERVATION

THRESHOLD (E), THEN N = K - E.

O. TOTAL REFORESTATION REQUIRED P = L + M - N

P. TOTAL AFFORESTATION REQUIRED

IF EXISTING FOREST COVER (F) IS LESS THAN THE AFFORESTATION THRESHOLD (D),

THEN G = AFFORESTATION THRESHOLD (D) - EXISTING FOREST COVER (F)

Q. TOTAL PLANTING REQUIREMENT R = P + G

A. = 1.39

B. = 0

C. = 1.39

D. = 0.21

E. = 0.28

F. = 1.39

G. = 1.11

H. = 0.50

I. = 0.89

J. = 0.85

K. = 0.34

L. = 0

M. = 0

N. = 0

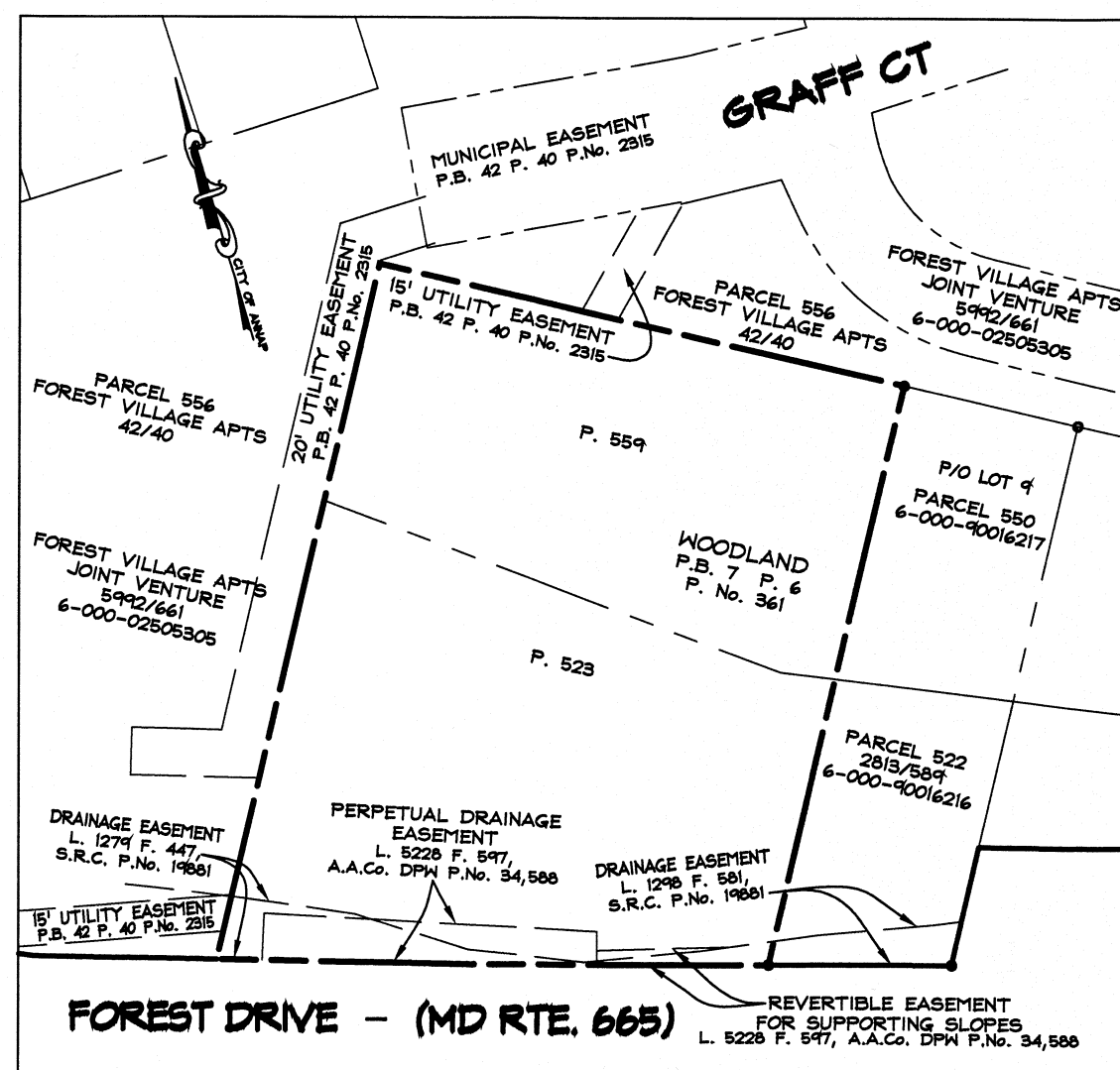
P. = 0

Q. = 0

R. = 0

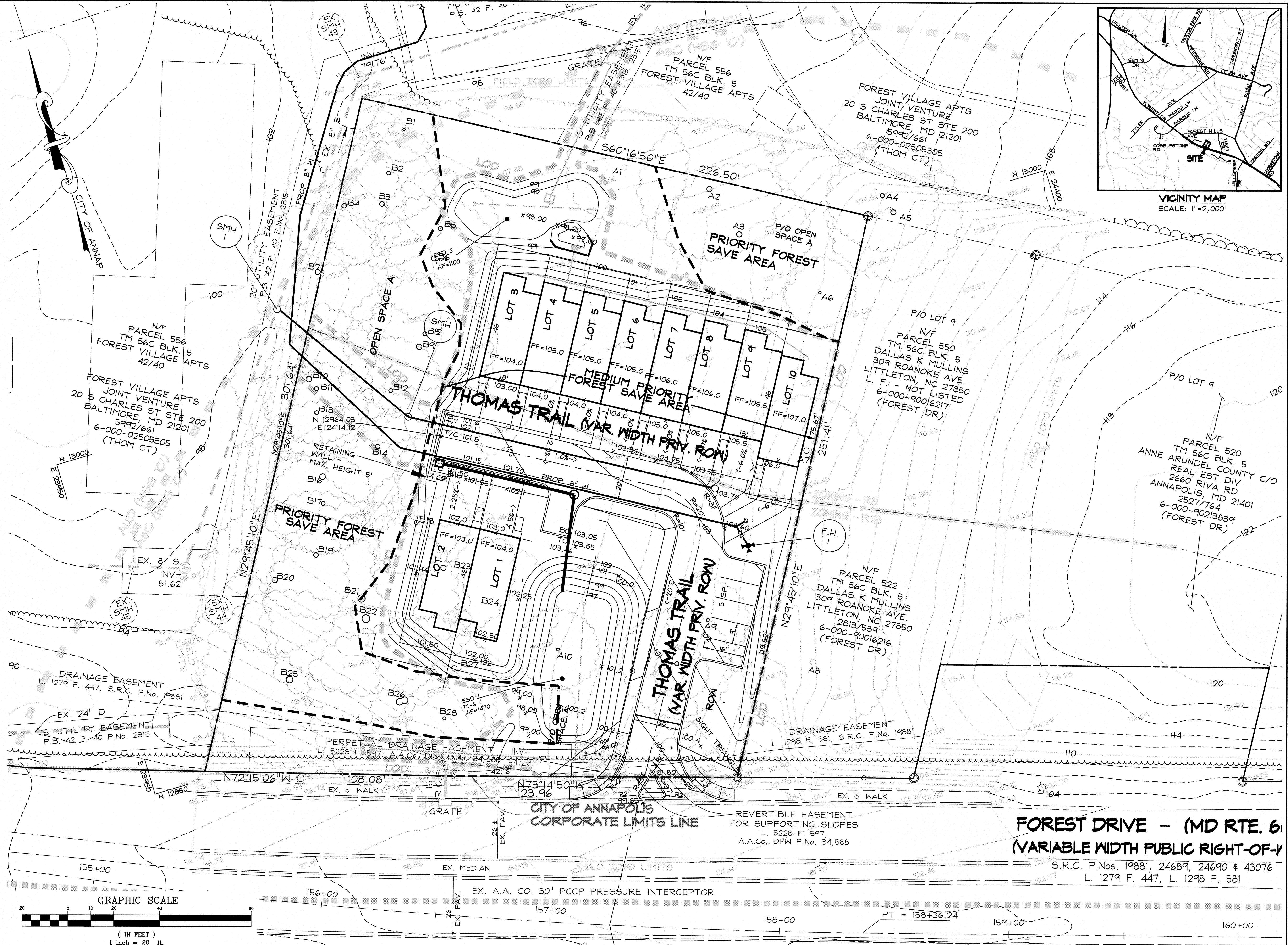
LEGEND

EXISTING GROUND	---
PROPOSED GRADE	---
EXISTING TREE LINE	---
PROPERTY LINE	---
EXISTING BUILDING	---
PROPOSED BUILDING	---
EXISTING CURB	---
EXISTING EDGE OF PAVEMENT	---
PROPOSED STORM DRAINS	---
EXISTING STORM DRAINS	---
PROPOSED SEWER	---
EXISTING SEWER	---
PROPOSED WATER	---
EXISTING WATER	---
EXISTING ZONING	---
LIMIT OF DISTURBANCE	---



EXISTING PARCEL MAP

TAX: 56C BLK. 5 PARCELS: 523 & 559
SCALE: 1"=80'



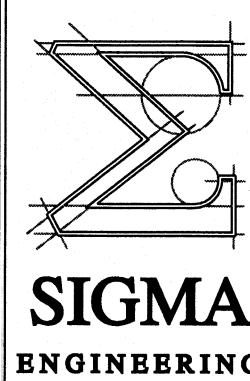
FOREST DRIVE - (MD RTE. 665) (VARIABLE WIDTH PUBLIC RIGHT-OF-WAY)

S.R.C. P.Nos. 19881, 24689, 24690 & 43076
L. 1279 F. 447, L. 1298 F. 581

OWNER/DEVELOPER

P. 523 & P. 559
ETN GLOBAL LLC
ATTN: DIMITRI SFAKIANUDIS
45 OLD SOLOMONS ISLAND RD.
SUITE 204
ANNAPOLIS, MD 21401
410-266-5599

NO.	REVISIONS	APP'D BY	DATE



45 OLD SOLOMONS ISLAND ROAD
SUITE 204
ANNAPOLIS, MARYLAND 21401
TELEPHONE (410) 266-5599
FAX (410) 266-3871

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fullest extent of the law.

SCALE: AS SHOWN	Concept Layout & Tree Conservation
DATE: 2-24-14	THOMAS WOODS
DRAWN BY: JGA	TAX: 56C BLK. 5 PARCELS: 523 & 559
DESIGNED BY: JAD	6TH ASSESSMENT DISTRICT
CHECKED BY: JAD	CITY OF ANNAPOLIS, MD
JOB NO. 11-18	V:\11-18 THOMAS WOODS\DWG\CONCEPT-SITE.dwg
SHEET 1 OF 1	